

110-58-6-22/22

A Conference on New Electrical Insulating Materials and  
Technological Processes

The conference decided to set up an insulation section of  
the Society, whereby the co-ordination of work on insulating  
material should be improved.

ASSOCIATION: Filial NII zavoda "Elektrosila" (Branch of the  
Scientific Research Institute of the Elektrosila Works)

SUBMITTED: February 21, 1958

1. Insulators (Electric)--Materials

Card 4/4

USCOMM-DC-55917

AUTHOR:

Yaroshevich, V. M.

SOV/20-121-2-42/53

TITLE:

On the Structural-Facial Zones of the Cambrian of the Eastern Slope of the Kuznetskiy Ala-Tau (O strukturno-fatsial'nykh zonakh kembriya vostochnogo sklona Kuznetskogo Ala-Tau)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 2, pp. 350 - 353 (USSR)

ABSTRACT:

In the beginning the author gives a survey of publications which have appeared since the discovery of the Cambrian in the mentioned mountains (1923, Refs 2-9,11). Recently it was found that due to the facial variability of the sediments for the Cambrian cross-section the traditional terminology of the suites may not be used freely (Ref 10). The investigations carried out by the author showed that in the said area the variability is not only great, but that it is also characterized by the location in certain structural zones of the facial complexes typical for it. Figure 1 shows the dependence of the facies composition of the Cambrium on the location of great structural elements. The predominance of carbonate rocks in all parts of the cross section, local discontinuities, a second

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SOV/20-121-2~42/53

On the Structural-Facial Zones of the Cambrian of the Eastern Slope of the  
Kuznetskiy Ala-Tau

development of archaeocyathids-algae riffs is typical for the Cambrian sediments of the Batenevskiy chain; they prove the shallow sea in that region. Cambrian cross sections in the catchment area of the river Belyy Iyus look different. There the Lower Cambrian is represented by a mighty sedimentary volcanic series of complex structure. These great differences between the two last mentioned cross sections made the author consider the two regions as great and independent structural elements: the said catchment area forms a geosynclinal trough. From this point of view the Batenevskiy chain must be regarded as a geoantisynclinal. There are 1 figure and 14 references, 14 of which are Soviet.

ASSOCIATION: Geologicheskiy institut Zapadno-Sibirskego filiala Akademii  
nauk SSSR (Geological Institute of the West Siberian Branch,  
AS USSR)

Card 2/3

SOV/20-121-2-42/53

On the Structural-Facial Zones of the Cambrian of the Eastern Slope of the  
Kuznetskiy Ala-Tau

PRESENTED: March 22, 1958, by S. I. Mironov, Member, Academy of Sciences,  
USSR

SUBMITTED: March 10, 1958

Card 3/3

YAROSHEVICH, V.M.

Cambrian stratigraphy of the Sarala Valley (Kuznetsk Ala-Tau).  
Geol. i geofiz. no.5:14-27 '60. (MIRA 13:9)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.  
(Sarala Valley--Geology, Stratigraphic)

YAROSHEVICH, V. M., Cand Geol-Min Sci -- Stratigraphy of  
"Siniyshige"  
~~and Cambrian~~ and Cambrian deposits of the Batenev ~~range~~  
~~of mountains~~, the Azyr-Tal mountain ~~crest~~, and the basin  
of Belyy Iyus River." Novosibirsk, 1961. Joint Council  
on Geol-Min, Geophys, and Geog Sci of the Siberian Acad Sci  
USSR) (KL, 8-61, 235)

- 122 -

YAROSHEVICH, Vadim Mikhaylovich; ZHURAVLEVA, I.T., doktor geol.-mineral.nauk,  
otv.red.; ALEKSANDROVSKIY, B.M., red.; YELISTRATOVA, Ye.M., tekhn.red.

[Stratigraphy of Sinian and Cambrian sediments in the Bateni and  
Azyr-Tal Ranges and the Ballyy Iyus Basin (eastern slope of the  
Kuznetsk Ala-Tau). Stratigrafiia sininskikh i kembriiskikh slyoshenii  
Batenevskogo kraizna khrebeta Azyr-Tal i basseina reli Belyi Iius  
(vostochnyi sklon Sibirskogo otd-niya AN SSSR, 1962. 184 p.  
(Akademija nauk SSSR. Sibirskoe otdelenie. Institut geologii i  
fiziki. Trudy, no.17).  
(Kuznetsk Ala-Tau region--Geology, Stratigraphic)  
(MIRA 16:8)

YAKUBOVSKIY, A.M., mashinist-instruktor; FROLENKO, M.P., mashinist-instruktor;  
YAROSHEVICH, V.S., mashinist; YERKIMBAYEV, Ye., mashinist;  
BABANAZAROV, A.M., mashinist; FEDOSOV, D. Ye.; SKORKIN, I.S.

Useful book "Reference book for a diesel locomotive engineering by  
V.M.Terekhov, I.I.Murzhin. Reviewed by A.M.Yakubovskii and others.  
Elek. i tepl.tiaga 4 no.2:47-48 F '60. (MIRA 13:6)

1. Master zagotovitel'nogo tsekha, depo Chu, Kazakhskaya doroga  
(for Fedosov). 2. Master tsekha bol'skogo periodicheskogo remonta,  
depo Chu, Kazakhskaya doroga (for Skorkin).

(Diesel locomotives)  
(Terekhov, V.M.)  
(Murzhin, I.I.)

YAROSHEVICH, Z.

Mathematical-statistical method of accounting for the freight  
turnover in the transportation of bread and baked products.  
Avt. transp. 43 no.1:30-32 Ja '65. (MIRA 18:3)

1. Starshiy ekonomist Tbilisskoy avtotransportnoy kontory No.19.

VEYTS-MAN, P.S.

YAROSHEVSKAYA, G.A.

L-31816-65  
AM4045250

ENT(1)/EWA(h) Feb GW

BOOK EXPLOITATION

S/

25

Akademiya nauk SSSR. Institut fiziki zemli im. O. Yu. Shmidt

30  
15  
84/

Structure of the earth's crust in the zone of transition from the continent of Asia to the Pacific Ocean (Stroyeniye zemnoy kory v oblasti perekhoda ot Asiatskogo kontinenta k Tikhomu Okeanu) Moscow, Izd-vo "Nauka", 1964. 307 p. illus., bibliog., foldin charts (in portfolio). Errata slip inserted. 1200 copies printed. Responsible editors: Ya. I. Gal'perin, I. P. Kosinskaya; Editor of the publishing house: S. I. Masarskiy; Technical editors: Ye V. Makuni, S. G. Tikhomirova

TOPIC TAGS: area seismic sounding, earth crust, geophysics, international geophysical year, ocean, seismic wave

PURPOSE AND COVERAGE: This monograph is devoted to studies by the method of deep seismic sounding (GSZ) in the zone of transition from the Asiatic continent to the Pacific Ocean (Kamchatka, the Kurile peninsula, Bering Sea, etc.) during the International Geophysical Year (IGY). The material is presented as a collection of individual chapters, although all are devoted to a single problem and are

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essentially parts of one book. The authors express their gratitude to Professor V. V. Fodomyakii, Chairman of the working subgroup of the Sovetskiy Natsional'nyy Komitet, initiator and organizer of complex geophysical research, and also to Corresponding Member of the Academy of Sciences of the USSR V. V. Belousov. The concluding chapter was prepared by A. G. Aver'yanov, P. S. Vaytsman, Ye. I. Gal'perin, S. M. Zverev, and I. P. Kosminskaya.

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Ch. 2. Dividing the region for investigation into zones according to types of seismic material (I. P. Kosminskaya) -- 12
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Ch. 4. Dynamic characteristics of deep waves for certain models of the earth's crust (A. G. Aver'yanov, I. P. Kosminskaya, O. A. Yaroshevskaya) -- 39

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Ch. 5. Results of studying a sedimentary stratum in the Sea of Okhotsk and the Kurile-Kamchatka Zone of the Pacific Ocean (S. M. Zverev) -- 90  
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Ch. 9. The southern and central parts of the Pre-Kurile Zone in the Pacific Ocean (Yu. V. Tulina, V. I. Mironova) -- 199  
Ch. 10. The northeastern part of the Kurile-Kamchatka Zone of the Pacific Ocean (P. S. Veytsman) -- 229  
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Conclusions -- 294  
Initial treatment of seismographs (V. I. Mironova) (Appendix) -- 299  
Literature -- 302

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L 58794-65 EWT(1)/EWA(h) Feb GW/CS

ACCESSION NR: AT5020278

UR/0000/65/000/000/0005/0019

20  
B+1

AUTHOR: Fursov, A. N.; Yaroshevskaya, G. A.

TITLE: Experience in the registration of deep-seated waves at intermediate magnetic-registration stations

SOURCE: Akademiya nauk SSSR. Institut fiziki Zemli. Voprosy metodiki glubinnogo seismicheskogo zondirovaniya. Moscow, Izd-vo "Nauka", 1965, 5-19

TOPIC TAGS: seismic wave, geophysic expedition, seismologic instrument

ABSTRACT: This paper describes the principal characteristics of the low-frequency intermediate magnetic-registration apparatus (PMZ) developed at IFZ in the period 1960-1962 for operation with deep seismic sounding instruments. Results of exhaustive field tests of this apparatus in Kazakhstan during an expedition of the Institute of Geological Sciences, Academy of Sciences Kazakh SSR, gave promising results.

Orig. art. has: 6 figures, 6 graphs.

ASSOCIATION: none

SUBMITTED: 19Jan65  
NR REF Sov: 008

ENCL:  
OTHER: 000

SUB CODE: ES  
FSB v. 1, no. 7

Card 1/1 tm

L 13842-66 EWT(1)/EWA(h) GW

ACC NR: AR6000814

SOURCE CODE: UR/0169/65/000/009/G022/G022

SOURCE: Ref. zh. Geofizika, Abs. 9G186

AUTHOR: Fursov, A. N.; Yaroshevskaya, G. A.

TITLE: An experiment in recording of depth waves by an intermediate magnetic re-  
cording station

CITED SOURCE: Sb. Vopr. metodiki glubin. seysmich. zondirovaniya. M., Nauka, 1965,  
5-19

TOPIC TAGS: seismography, seismic prospecting, seismologic instrument

TRANSLATION: The authors discuss the systematic results of using an intermediate magnetic recording station in deep seismic sounding operations. The unit was based on a seismic prospecting station. The basic improvements were increased sensitivity, expansion of the frequency range and reduction of inherent noises in the equipment. The principle of frequency modulation is used. The dynamic range of the instrument is 50 db, the inherent noise level reduced to the input under full amplification is 0.3 mw, the passband at a 3 db level is 2-30 cps, the number of channels is 26, the

UDC: 550.834

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ACC NR: AR6000814

recording time is 10 minutes. The unit was tested in the central Kazakhstan. Recordings on various filtrations made it possible to determine the optimum conditions for recording various types of waves. The authors point out the advantages of the instrument over ordinary oscillographic recording from the standpoint of the possibility for using various versions of frequency selection, grouping and mixing under recurrent excitation conditions. In addition, the intermediate magnetic recording station may be used for recording waves of various intensity for long intervals of time. It is pointed out that a distinction should be made between recording stations and repeat recording stations. The recording should be done at a stable and rather low scanning speed to produce the seismograms necessary for a general survey

SUB CODE: 08

PC  
Card 2/2

PERTSEV, L.P.; YAROSHEVSKAYA, L.A.

Design of flanged joints with clamps. Standartizatsiia 28 no.  
2:16-19 F '64. (MIRA 17:3)

BAYULA, A.G.; CHUPAKHIN, N.I.; ZAKASOVSKAYA, M.V.; YAROSHEVSKAYA, N.F.

Concentration of poor carbonate-phosphate ores of the Tigrovaya  
Pad' deposit. Soob. DVFAK SSSR no.17:27-31 '63.

(MIRA 17:9)

1. Dal'nevostochnyy filial im. V.L. Komarova Sibirskskogo otdeleniya  
AN SSSR.

YAROSHEV YAYA, Ye. N.

Yaroshevskaya, Ye. N." -- "Changes in the Spinal Column in Hickets and Dystrophy in Young Children (Roentgenological-Histological Investigation)." State Order of Lenin Inst for the Advanced Training of Physicians imeni S. V. Kirov. Leningrad, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya Letopis', No 12, 1956

YAROSHEVSKAYA, Ye.N.

Spinal changes in rickets in young children; roentgenological and histological examination. Ortop., travm. i protez. 18 no.1:35-39  
Ja-F '57. (MIRA 10:6)

1. Iz patologicheskoy laboratorii Gosudarstvennogo nauchno-issledovatel'skogo Detskogo ortopedicheskogo instituta im. G.I. Turnera (dir. - prof. M.N.Goncharova)

(RICKETS, compl.

spinal deform., x-ray diag. & pathol.)

(SPINE, dis.

deform. caused by rickets, x-ray diag. & pathol.)

YAROSHEVSKAYA, Ye.N. (Leningrad)

The significance of associated pathogenic factors (rickets and dystrophy) in the manifestations of structural changes in the costal system [with summary in English]. Arkh.pat. 20 no.4:48-56 '58.

(MIRA 11:5)

1. Iz patologistologicheskoy laboratorii (zav. Ye.N. Yaroshevskaya, nauchnyy konsul'tant-prof. P.V. Sipovskiy) Gosudarstvennogo nauchno-issledovatel'skogo detskogo ortopedicheskogo instituta imeni G.I. Turnera (dir.-prof. M.N. Goncharova)

(RICKETS, pathology

bone histopathol. in cases with & without assoc. dystrophy

(Rus)

(BONE AND BONES, pathology

histopathol. in rickets with & without assoc. dystrophy (Rus)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210009-1

YAROSHEVSKAYA, Ye.V.; ZAKREVSKIY, L.K.

Comparative histological investigations on auto- and homografts  
in spinal fixation. Ortop.travm.i protez. 21 no.2:39-45 F '60.  
(MIRA 13:12)

(SPINE SURGERY) (BONE GRAFTING)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210009-1"

YAROSHEVSKAYA, Ye.N.

Comparative data from a functional and histological study of skeletal muscles in children in the residual period of poliomyelitis. Ortopravm. i protez. 21 no.5:46-55 My '60. (MIRA 13:9)

1. Iz patologicheskoy laboratorii Nauchno-issledovatel'skogo detskogo ortopedicheskogo instituta im. G.I. Turnera (dir. - prof. M.N. Goncharova).  
(POLIOMYELITIS) (MUSCLES)

YAROSHEVSKAYA, Ye. N., kand. med. nauk(Leningrad, Sadovaya ul., d.44, kv. 20)

Fate of auto- and homografts of the skin implanted in burn wounds  
in children. Vest. khir. no.12:27-37 '61. (MIRA 15:2)

1. Iz gosudarstvennogo nauchno-issledovatel'skogo detskogo orto-  
pedicheskogo instituta im. G. I. Turnera (dir. - prof. M. N.  
Goncharova, nauchn. konsul'tant - prof. P. V. Sipovskiy)

(BURNS AND SCALDS) (SKIN--TRANSPLANTATION)

ZVYAGIN, L.M., kand. med. nauk (Leningrad P-154, Zverinskaya ul. d. 2/5, kv.50);  
YAROSHEVSKAYA, Ye.N., kand. med. nauk

Abstracts of articles received by the editors. Ortop. travm. protez.  
24 no.7:75 Jl'53 (MIRA 17:2)

1. Iz kafedry gospital'noy khirurgii ( zav. - prof. F.G. Uglov)  
I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova i  
Detskogo ortopedicheskogo instituta imeni V.I. Turnera ( dir. -  
prof. M.N.Goncharova).

YAROSHEVSKAYA, Ye.N. (Leningrad)

Activity of succinic dehydrogenase in the skeletal muscles of  
children in lesions of the locomotor apparatus. Arkh.pat. 27  
no.7:63-65 '65. (MIRA 18:8)

1. Patologistologicheskaya laboratoriya (nauchnyy konsul'tant - prof.  
Ya.A.Vinnikov) Nauchno-issledovatel'skogo detskogo ortopedicheskogo  
instituta imeni G.I.Turnera (direktor - prof. M.N.Goncharova).

YAROSHEVSKIY, A., prof.; VASIL'YEVA, V.; MOISEYEVA, O. (Leningrad)

Some problems of modern nephrology. Vrach. delo no.3:142-147  
Mr '64. (MIRA 17:4)

DMITRIYEV, L.V.; KOTINA, R.P.; YAROSHEVSKIY, A.A.

Character of the evolution of a magmatic system in a field of  
gradients of intensive parameters. Geokhimiia no.4:390-405  
(IGRA 18:7)  
Ap '65.

1. Institut geokhimii i analiticheskoy khimii imeni Vernadskogo  
AN SSSR, Moskva.

VINogradov, A.P.; Yarochevskii, A.A.

Physical conditions governing the zonal melting of the earth's  
mantle. Geokhimiia no.7:779-790 J1 '65.

(MIRA 18:11)

I. Institut geokhimii i analiticheskoy khimii imeni V.I.  
Vernadskogo AN SSSR, Moskva. Submitted April 6, 1965.

MALININ, S.D., nauchnyy sotr. [translator]; NOVIKOV, Yu.P., nauchnyy sotr. [translator]; POPOV, A.A., nauchnyy sotr. [translator]; TRUSOV, Yu.P., nauchnyy sotr. [translator]; YAROSHEVSKIY, A.A., nauchnyy sotr. [translator]; SHCHERBINA, V.V., red.; ZNAMENSKAYA, V.K., red.; PRIDANTSEVA, S.V., tekhn. red.

[Thermodynamics of geochemical processes] Termodynamika geokhimičeskikh protsessov; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1960. 270 p. (MIRA 14:7)

1. Institut geokhimii i analiticheskoy khimii im. Vernadskogo AN SSSR (for Malinin, Novikov, Popov, Trusov, Yaroshevskiy)  
(Geochemistry)

ACC NR: AP6035533

SOURCE CODE: UR/0007/66/000/010/1271/1272

AUTHOR: Yaroshevskiy, A. A.; Urusov, V. S.

ORG: none

TITLE: Symposium on isomorphism [Held in Leningrad State University from 26 to 28 May, 1966]

SOURCE: Geokhimiya, no. 10, 1966, 1271-1272

TOPIC TAGS: isomorphism, crystallography, ion energy, x ray crystallography, crystal chemistry, mineralogy

ABSTRACT: This symposium, organized on the initiative of the Institute of the Earth's Crust, was attended by more than 300 crystallographers, crystallochemists, mineralogists, geochemists, chemists, radiochemists, metallographers and physicists. The seven papers presented at this symposium were: "New Findings on Isomorphism" (role of the geometric factor in the isomorphism of ionic compounds, the theory of domain isomorphism, the definition of isomorphism as "the entry of ions which do not disturb x-ray monococrystallinity") (N. V. Belov); "History of Research Into Isomorphism" (I. I. Shafranovskiy); "Utilizing the Orbital Atomic

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UDC: 548.32:006.3

ACC NR: AP6035533

"Radii of Chemical Elements" (a new approach to the nature of chemical bonding in general and its crystallochemical aspects in particular) (V. I. Lebedev); "Structural - Crystallochemical Laws of Isomorphism" (crystallochemical volume similarity of structural defects as the determining factor in isomorphism) (V. A. Frank-Kamenetskiy); "Physico-Chemical Aspects of Isomorphism" (chief factors determining the stability and decomposition of isomorphic mixtures, thermodynamic approach to such concepts as polar isomorphism, isomorphic capacity, "capture," etc.) (V. A. Kirkinskiy and A. A. Yaroshevskiy); "Dependence of Isomorphic Substitutions on Pressure" (greater stability of more dense phases (minerals) at high pressures, decrease in isomorphic scattering of rare elements in the principal rock-forming minerals with increase in pressure) (V. V. Shcherbina); "Chemical Impurities and the Ontogeny of Minerals" (dynamics of the distribution of impurities in crystals as a function of the process of the formation and growth of crystals) (D. P. Grigor'yev). The presentation of the papers was followed by a lively discussion which chiefly focused on such problems as the definition of isomorphism from the crystallochemical standpoint, the energy characteristics of isomorphic substitutions, the relation of anomalous ("heterogeneous") isomorphism to isomorphism in general. Several brief communications were presented on such topics as precision x-ray structural studies of isomorphism in quartz, analysis of isomorphic substitutions in beryls; investigation of isomorphism by the electron magnetic resonance method, synthesis of micas of

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ACC NR AP6035533

various composition -- lithium, barium, titanium and other micas. The resolution adopted by the Symposium proposed the following two variants of a definition of isomorphism: "Isomorphism is the phenomenon of the substitution of atoms or of their discrete groups (complexes) in a crystalline phase of variable composition" and "Isomorphism is the property of the mutual substitution of atoms or of their discrete groups (complexes) in crystalline matter, thus resulting in the formation of a crystalline phase of variable composition." Further the resolution recommended publishing the proceedings of the Symposium and organizing similar meetings in the future.

SUB CODE: 08, 07, 20 / SUBM DATE: none

Card 3/3

YAROSHEVSKIY, A.A.

Relationship between the forms of garnet crystals and mineral  
formation. Trudy Min.muz. no.10:137-141 '59. (MIRA 16:8)  
(Garnet crystals)

YAROSHEVSKIY, A.A.

"Zone melting and its application for solving some geochemical problems

Report to be presented at the Conference on Chemistry of the Earth's Crust,  
Moscow, 14-19 Mar 63.

ACCESSION NR: AP5018369

UR/0007/65/000/007/0779/0790  
552.112

19

18

AUTHORS: Vinogradov, A. P.; Yaroshevskiy, A. A.

TITLE: The physical conditions of zone melting in the earth's mantle

SOURCE: Geokhimiya, no. 7, 1965, 779-790

TOPIC TAGS: zone melting, earth mantle, differentiation

ABSTRACT: On the basis of Vinogradov's previously proposed view that differentiation of the earth's shells may take place by a mechanism similar to zone melting, the present study considers the physical conditions under which such a mechanism might operate in the earth's mantle. When the melting point is computed for increasing depth and the values plotted, the resulting curve is found to intersect at some depth the curve representing extrapolated values of temperature of the mantle at depth. This point of intersection is thought to define the zone of melting. The actual melting-point curve is considerably higher than the adiabatic curve, and this indicates that the resulting melt would be convectively unstable. Remelting would take place in the fused zone, and this would be

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L. 60997-55

ACCESSION NR: AP5018369

accompanied by transfer of heat from the lower, hotter zone to the upper, cooler one. Crystallization would then begin at the base and melting would take place at the top of the liquid zone. The result would be an advancing front of zone melting, moving upward. Chemical differentiation would occur, perhaps by selective or incomplete fusion, the more difficultly melted constituents failing to participate and remaining behind. The authors maintain that both heat and material in this zone would be transferred by convection. Equations are derived to express the heat balance in the zone. It is contended that a single "column" of differentiating material is generated in the mantle, but as this rises it may become split into several "columns" by local inhomogeneities in the mantle. The conditions required for zone melting, intersection of the melting-point curve with the geothermal gradient, are compatible with geophysical data, and the authors conclude that the theory may represent a reasonable explanation of differentiation of the earth's shells. Orig. art. has: 5 figures and 23 formulas.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo, AN SSSR, Moscow (Institute of Geochemistry and Analytical Chemistry, AN SSSR)

SUBMITTED: 06Apr65

ENCL: 00

SUB CODE: ES

NO REP Sov: 015  
Card 2/2

OTHER: 007

YAROSHEVSKIY, A. V.

KEY 36A METALLURGICAL LITERATURE CLASSIFICATION

Yaroshevskiy, A. V. THEORY OF DRYING. Ognenpary.  
8 [8-9] 151-56 (1940).—V. presents a critical analysis of  
the present theory of the process of drying which divides  
it into several periods sharply distinguished on the curve of  
the intensity of drying. A formula is given embracing  
the curve of drying.

6

X 1155-116-2544. 44. 2.  
A.C.S.

Equipment & Apparatus

Formulas for calculating the length of a counter-current tunnel drier. A. V. Vakonsavul. *Prom. Stroitel. Materialov*, 1940, No. 12, pp. 38-40; *Khim. Referat. Zhur.*, 4 [6] 130 (1941).—The length of a tunnel in meters is given by  $L = \frac{h}{c - \lg w}$ , where  $w$  = percentage of moisture evaporated from the green brick, and  $c = 0.0243e(d_s - d_1) + 0.038$  ( $e$  = velocity of air in the tunnel,  $d_s$  = moisture content of the air entering the drier when saturated corresponding to the temperature to which it drops (in gm. per kgm.); and  $d_1$  = moisture content of the air entering the drier (in gm. per kgm.));  $h$  depends on  $e$ , and the relation is expressed by a formula. The equations given permit the calculation of the quantity of evaporated moisture for a given length of tunnel at given drying conditions, the length of the tunnel required to evaporate a given quantity of moisture, and the drying conditions required to remove a certain amount of water for a given length of the tunnel. See "Theory . . ." *Ceram. Abz.*, 20 [10] 242 (1941). M.Ho.

YAROSHEVSKII, R.V.

C

## PROCESS AND PROPERTIES INDEX

Methods of eliminating stratification in clay brick.  
A. V. Yaroshevskii. Naukova i Tekhn. Press, 1945.  
No. 0, pp. 10-11.—Stratification in clay brick is the result  
of (1) differences in thickening of the separate layers of the  
brick coming out of the press, (2) anisotropic structure of  
the clay mass, and (3) elastic deformation of the clay mass.  
The most practical method of eliminating it is the addition  
of grog, which will form the skeleton of the clay mass and  
tend to remove the above-listed causes. Another method is  
the thickening of the clay mass uniformly prior to pressing.  
This method is used in vacuum presses. B.Z.K.

MATERIALS

## ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

TECHNIQUE

LABORATORY

MANUFACTURE

TESTING

STANDARDS

INSTRUMENTS

APPARATUS

METHODS

TESTS

EXPERIMENTAL

TECHNIQUE

TESTS

STANDARDS

INSTRUMENTS

APPARATUS

METHODS

TESTS

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210009-1

YAROSHEVSKIY, A. V.

Efficiency in brickmaking technology Moskva, 1946- 1. Brickmaking.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210009-1"

YAROSHEVSKIY, A. V.

Efficiency principles in the technology of manufacturing clay bricks 2. ispr. i dop. izd.  
Moskva, Biuro tekhn informatsii MPSM RSFSR, 1949- (50-35526)

TP827.I2

1. Bricks

ROGOVOY, M.I., inzh.; FRANCHUK, K.O., inzh.; YAROSHEVSKIY, A.V.,  
inzh.; LEVITAN, Ya.S., red.; RATNER, A.N., tekhn. red.

[Programs meeting minimum technical requirements for workers in  
the building materials industry] Programmy po tekhnicheskym dlia  
rabochikh promyshlennosti stroitel'nykh materialov. Moskva,  
Biuro tekhn. informatsii, 1949. 266 p. (MIRA 15:4)

1. Russia (1917- R.S.F.S.R.) Ministerstvo promyshlennosti  
stroitel'nykh materialov.  
(Technical education) (Building materials industry)

CA

HK

A change in the blood picture after denervation of carotid sinuses and section of depressor nerves. A. Ya. Vargheyski (Central Nerv. System Physiol. Inst., Leningrad). *Arkh. Patol.* 13, No. 3, 10-20(1951).—The amt. of hemoglobin in the peripheral blood declines in rabbits and reaches a min. in 5-25 days; the concn. is reestablished within 1-1.5 months. The erythrocyte count generally follows the hemoglobin variation. The reticulocytes rise 4-8-fold quite rapidly and remain at the high level for 1-1.5 months.  
G. M. Kosolapoff

LEBEDEVA, V.A.; YAROSHEVSKIY, A.Ya.

Investigation of biologic activity of the blood in hypertension.  
Klin. med., Moskva 29 no.11:57-62 Nov 1951. (CLML 21:2)

1. Candidate Biological Sciences Lebedeva; Candidate Medical Sciences Yaroshevskiy. 2. Of the Laboratory of the Physiology of Receptors (Head — V. N. Chernigovskiy, Corresponding Member AMS USSR), Institute of the Physiology of the Central Nervous System (Director — Academician K.M. Bykov), Leningrad.

**YAROSHEVSKIY, A.Ya.**

**Role of the reflex effect in developing of peripheral leukocytosis.  
Fiziol.zh.SSSR 37 no.1:75-80 Jan-Feb 51. (CIML 20:8)**

**1. Laboratory of the Physiology of Receptors of the Institute of  
Experimental Medicine of the Academy of Medical Sciences and the  
Propedeutic Therapeutic Clinic of First Leningrad Medical Institute  
imeni Academician I.P. Pavlov.**

YAROSHEVSKIY, A.Ya.

Role of interoceptive effect in the regulation of the number and composition of leukocytes. *Fiziol.zh.SSSR* 37 no.2:175-179 Mar-Apr 51.  
(CIML 21:1)

1. Laboratory of Interoceptors, Department of General Physiology of the Institute of Experimental Medicine of the Academy of Medical Sciences USSR and of the Propedeutic Therapeutic Clinic, First Leningrad Medical Institute imeni Academician I.P.Pavlov.

YAROSHEVSKIY, A.Ya.; CHERNIGOVSKIY, V.N., professor, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, zaveduyushchiy; BYKOV, K.M., akademik, direktor.

Interoceptive effects upon blood composition. Vop.fiziol.int. no.1:596-614 '52. (MLRA 6:8)

1. Laboratoriya fiziologii retseptorov Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Chernigovskiy). 2. Institut fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Bykov). 3. Akademiya meditsinskikh nauk SSSR (for Chernigovskiy). (Blood--Corpuscles and platelets)

YAROSHEVSKIY, A.Ya.; CHERNIGOVSKIY, V.N., professor, deyavtvitel'nyy chlen Akademii meditsinskikh nauk SSSR, zaveduyushchiy; BYKOV, K.M., akademik, direktor.

Interoception in the bone marrow. Vop.fiziol.int. no.1:615-628 '52.  
(MLRA 6:8)

1. Laboratoriya fiziologii retseptorov Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Chernigovskiy). 2. Institut fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Bykov). 3. Akademiya meditsinskikh nauk SSSR (for Chernigovskiy).  
(Marrow) (Nervous system)

*Yaroshevskiy, A. Ya.*

CHERNIGOVSKIY, V.N.; YAROSHEVSKIY, A.Ya.,

Effect of functional state of the cortex of the larger hemisphere on the blood and blood pressure. Zh. vysshei nerv. deiat.  
2 no. 1:30-45 Jan-Feb 1952. (CIML 23:3)

1. Laboratory of the Physiology of Receptors of the Physiology  
of Receptors of the Institute of Physiology imeni I. P. Pavlov of  
the Academy of Sciences USSR.

YAROSHINSKIY, A.Ya.

Effect of the cerebral cortex on blood pressure and on the digestive leukocytic reaction in fasting. Zhur.vys.nerv.deiat. 4 no.5:  
674-683 S-0 '54. (MLRA 8:7)

1. Laboratoriya fiziologii retseptorov Instituta fiziologii im. I.P. Pavlova Akademii nauk SSSR.

(BLOOD PRESSURE, physiology,

conditioned reflex changes in fasting dogs)

(REFLEX, CONDITIONED,

blood pressure & leukocyte count changes in fasting dogs)

(FASTING,

conditioned reflex blood pressure & leukocyte count changes in fasting dogs)

(LEUKOCYTE COUNT,

conditioned reflex changes in fasting dogs)

YAROSHEVSKIY, A.Ya.

Effect of functional states of the cerebral cortex on interoceptive reflexes from the stomach; based on blood composition and pressure.  
Part 1. Effect of formation and extinction of conditioned reflexes on interoceptive reflexes from the stomach. Biul.eksp. biol. i med. 38 no.8:8-12 Ag '54. (MIRA 7:9)

1. Iz laboratorii fiziologii retseptorov (zav. deystvitel'nyy chlen AMN SSSR prof. V.N.Ghernigovskiy) Instituta fiziologii imeni I.P. Pavlova (dir. akademik K.M.Bykov) AN SSSR, Leningrad.

(REFLEX,

gastric, interoceptive, eff. of form. & extinction of  
conditioned reflexes)

(STOMACH, physiology,

reflex, interoceptive, eff. of form. & extinction of  
conditioned reflexes)

(REFLEX, CONDITIONED,

form. & extinction, eff. on interoceptive gastric reflexes)

Name: YAROSHEVSKIY, Arnol'd Yakovlevich

Dissertation: Non-conditioned and conditioned-reflex changes of vascular tonicity and redistributive leucocytic reactions during hypertonic diseases and experimental changes in higher nervous activity

Degree: Doc Med Sci

Affiliation: 1st Leningrad Med Inst imeni Pavlov

Defense Date, Place: 28 Oct 55, Council of Inst Physiology imeni Pavlov, Acad Sci USSR

Certification Date: 30 Jun 56

Source: BMVO 5/57

MOLCHANOV, N.S., professor.; YAROSHINSKIY, A.Ya., dotsent.

Some problems in the use of antibiotics in clinical treatment of  
internal diseases. Terap. arkh. 27 no.8:5-25 '55 (MLRA 9:5)

1. Chlen-korrespondent AMN SSSR,  
(ANTIBIOTICS, therapeutic use,  
internal dis.)

YAROSHEVSKIY, A.YA.

FEDOROV, I.Ya.; TSIMMERMAN, N.A.; YAROSHEVSKIY, A.Ya. (Leningrad)

Specific hematological reaction in gastric cancer with metastases  
to the bone marrow. Klin.med. 34 no.3:90-93 Mr '56. (MLRA 10:1)

1. Iz klinikipropedevtiki vnutrennikh bolezney (dir. - deystvitel'nyy  
chlen AMN SSSR M.D.Tushinskiy) I Leningradskogo meditsinskogo instituta  
imeni akad. I.P.Pavlova.

(STOMACH, neoplasms,  
metastatic to bone marrow, blood in (Rus))

(BLOOD CELLS,  
count in cancer of stomach with metastases to bone marrow  
(Rus))

(BONE MARROW, neoplasms,  
metastatic from stomach, blood count in (Rus))

YAROSHEVSKIY, A.Ya., doktor meditsinskikh nauk

"Blood picture regulation by the central nervous system" [in German]  
by Itsuzo Komiya. Reviewed by A.IA.Yaroshevskii. Probl.gemat. 1  
perel.krovi 2 no.2:60-62 Mr-Apr '57. (MLRA 10:6)  
(NERVOUS SYSTEM) (BLOOD) (KOMIYA, ITSUZO)

YAROSHEVSKIY, A.Ya., doktor med. nauk (Leningrad)

"Alcoholism and internal diseases" by V.A. Kononachenko,  
Reviewed by A.IA. Yaroshevskii. Terap. arkh. 29 no.7:76-77 J1 '57.  
(ALCOHOLISM) (KONONIACHENKO, V.A.) (MIRA 11:4)

USSR/Ruminant and Animal Physiology. Blood. Blood Diseases.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93153.

Author : Cheinigovskiy, V.N., Yaroshevskiy, A. Ya..

Inst :

Title : Problem of Nerve Regulation of the Blood Composition  
in Experiments and Practice.

Orig Pub: Terepevt. arkhiv, 1957, 29, No 10, 69-84.

Abstract: Following denervation (D) of the carotid sinuses and aortic zones in rabbits and cats there was observed persistent and periodically occurring episodes of anemia. The first episode was hemolytic in character, while subsequent ones were characterized by disturbances in maturation and release of erythrocytes. Splenectomy prevented the first attack

Card : 1/3

41

USSR/Human and Animal Physiology. Blood. Blood Diseases.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93153.

but did not have an effect on the later ones. D of the spleen in dogs and cats led to development of hypochromic anemia, which was not characterized by hemolysis or retention of blood in the spleen. Similar periodically occurring bouts of anemia were observed after D of other viscera, especially the stomach or parts thereof (Heidenhain's small ventricle). According to the authors, CNS influenced the blood composition in that it maintained a constant balance between the needs of the organism, redistribution of the elements formed, their destruction, maturation and release. The effect of the nervous system on the "blood system" is realized through trophic influence of metabolism in the blood-

Card : 2/3

USSR/Human and Animal Physiology. Blood. Blood Diseases.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93153.

forming organs and through numerous humoral mechanisms. -- K.S. Ratner.

Card : 3/3

YAROSHEVSKIY, A.Ya. (Leningrad)

Changes in blood composition and cardiac rhythm in diaphragmatic hernias. Klin. med. 35 no.2:148-151 F '57 (MLRA 10:4)

1. Iz propedevticheskoy terapeuticheskoy kliniki (dir.-deystvitel'nyy chlen AMN SSSR M.D. Tushinskiy) I Leningradskogo meditsinskogo instituta imeni I.P. Pavlova.

(HERNIA, DIAPHRAGMATIC, physiology,  
blood & heart rhythm changes) (Rus)

(HEART, in various diseases,  
hernia, diaphragmatic, rhythm changes) (Rus)

YAROSHEVSKIY, A.Ya., doktor med.nauk (Leningrad)

Achievements of a medical congress in Bucharest. *Klin.med.* 36  
no.2:149-152 P '58. (MIRA 11:4)  
(RUMANIA--MEDICINE--CONGRESSES)

TUSHINSKIY, M.D., STAVSKAYA, V.V., YAROSHIVSKIY, A.YA., DAVIDENKOVA, Ye.F.,  
SKARLATO, Ye.S., KAU, Ye.L., SERAYABINA, Ye.A. (Leningrad)

Clinical aspects of the pandemia of influenza in 1957. Klin.med.  
36 no.5:43-48 My '58 (MIRA 11:?)  
(INFLUENZA, epidemiology  
in Russia, pandemia (Ius))

YAROSHEVSKIY, A.Ya.

Effect of intravenous administration of novocaine on the blood.  
Report No.1: Changes in blood composition following repeated infusions of novocaine [with summary in English]. Biul.eksp.biol.  
i med. 45 no.5:50-53 My '58 (MIRA 11:6)

1. Iz laboratorii patologicheskoy fiziologii (zav. prof. V.S. Galkin [deceased]) Instituta fiziologii imeni I.P. Pavlova (dir. - akademik K.M. Bykov) AM SSSR i iz promedevticheskoy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR M.D. Tushinskiy) 1-go Leningradskogo meditsinskogo instituta imeni I.P. Pavlova. Predstavlena deystvitel'nym chlenok AMN SSSR M.D. Tushinskym.

(PROCAINE, effects.  
on blood count, intravenous repeated admin. (Rus))  
(BLOOD CELLS,  
count, eff. of intravenous procaine admin. (Rus))

YAROSHEVSKIY, A.Ya.

Effect of intravenous injections of novocaine on the blood system.  
Report No.2: Changes in blood composition after a single novocaine  
injection [with summary in English]. Biul.eksp.biol. i med. 46  
no.8:36-41 Ag '58 (MIRA 11:10)

1. Iz laboratorii patologicheskoy fiziologii (zav. - prof. V.S. Galikin [deceased]) Instituta fiziologii imeni I.P. Pavlova (dir. akademik K.M. Bykov) AN SSSR i propedvticheskoy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR M.D. Tushinskii) i Leningradskogo meditsinskogo instituta. Predstavlena deystvitel'nym chленом AMN SSSR M.D. Tushinskim.

(BLOOD, eff. of drugs on procaine, eff. of single inject. on composition in dogs & rabbits (Rus))

(PROCAINE, eff. on blood composition after single inject. in dogs and rabbits (Rus))

TUSHINSKIY, Mikhail Dmitriyevich; YAROSHEVSKIY, Arnol'd Yakovlevich.  
Prinimali uchastiye: FILATOV, A.N.; AKERMAN, V.V., doktor  
med.nauk; SHERMAN, S.I., prof.; TSIMMERMAN, N.A.. MYASNIKOV,  
A.L., prof., red.; SHTUTSER, N.V., red.; SKENCHILLO, K.K., tekhn.  
red.

[Blood system diseases] Bolezni sistemy krovi. Moskva, Gos.  
izd-vo med.lit-ry, 1959. 386 p. (MIRA 12:9)

1. Chlen-korrespondent AMN SSSR (for Filatov). 2. Deystvitel'nyy  
chlen AMN SSSR (for Myasnikov).  
(BLOOD--DISEASES)

YAROSHEVSKIY, A.Ya., prof.; SHEKHTER, S.Yu.

Hemopoietins (erythropoietins) of the plasma; survey of foreign literature. Probl.gemat. i perel.krovi 4 no.3:41-48 Mr '59.  
(MIRA 12:6)

1. Iz kliniki propedevticheskoy terapii (zav. - deystvitel'nyy chlen AMN SSSR prof.M.D.Tushinskiy) I Leningradskogo meditsinskogo instituta imeni akad.I.P.Pavlova.

(ERYTHROCYTES

erythropoietin, review (Rus))

YAROSHEVSKIY, A.Ya., prof.; SHEKHTER, S.Yu.

Effect on erythropoiesis of sera from anemic patients. Probl.  
gemat. i perel.krovi 4 no.4:17-24 Ap '59. (MIRA 12:6)

1. Iz propedevticheskoy terapeuticheskoy kliniki (zav. -  
deystvitel'nyy chlen AMN SSSR M.D.Tushinskiy) I Leningradskogo  
meditsinskogo instituta i laboratorii krovoobrashcheniya (zav. -  
prof.G.P.Konradi) Instituta fiziologii imeni I.P.Pavlova AN SSSR.  
(ANEMIA, blood in,

eff. of blood serum from anemic patients on  
erythrocyte count in rabbits (Rus))  
(ERYTHROCYTES,

count in rabbits, eff. of blood serum from  
anemic patients (Rus))

SOLOV'YEVA, N.F.; YAROSHEVSKIY, A.Ya.

A case of multiple-foci eosinophil pneumonia in a tuberculosis patient. Vrach. delo no.4:419-421 Ap '59. (MIRA 12:7)

1. Klinika propedevtiki vnutrennikh bolezney (zav. - deystv. chlen AMN SSSR, prof. M.D. Tushinskiy) Pervogo Leningradskogo meditsinskogo instituta.

(EOSINOPHILS) (PNEUMONIA)  
(TUBERCULOSIS)

YAROSHEVSKIY, A.Ya., prof. (Leningrad)

"Cirrhosis of the liver," edited by I.B. Likhtsier. Reviewed by  
A.IA. Yaroshevskii. Terap.arkh. 31 no.8:93 Ag '59. (MIRA 12:11)  
(LIVER--CIRRHOSIS) (LIKHTSIER, I.B.)

YAROSHEVSKIY, A.Ya., prof.

Tuberculous lesions of the myocardium. Terap.arkh. 31 no.11:49-52  
N '59. (MIRA 13:3)

1. Iz propedevticheskoy terapevticheskoy kliniki (zaveduyushchiy -  
deystvitel'niyy chlen AMN SSSR prof. M.D. Tushinskiy) I Leningradskogo  
meditsinskogo instituta imeni I.P. Pavlova.  
(TUBERCULOSIS CARDIOVASCULAR case reports)

SHEKHTER, S.Yu.; YAROSHEVSKIY, A.Ya.

Effect of sera from normal subjects and anemic patients on erythropoiesis. Report No.1: Effect of the administration of serum on blood and bone marrow composition. Biul.eksp.biol. i med. 48 no.10:23-27 O '59.  
(MIRA 13:2)

1. Iz laboratorii fiziologii krovoobrashcheniya (zav. - prof. G.P. Konradi) Instituta fiziologii imeni I.P. Pavlova AN SSSR i kliniki propedevtiki vnutrennikh bolezney (zav. - deystvitel'nym chlenom AMN SSSR M.D. Tushinskim.  
(ANEMIA blood)  
(BLOOD CELLS)

GANELINA, I.Ye.; ZIMOVAYA, N.G.; IL'INSKIY, O.B.; LEBEDEVA, V.A.;  
MARTYNYUK, V.K.; MERKULOVA, O.S.; MUSYASHCHIKOVA, S.S.;  
MYAGKAYA, I.P.; OSADCHIY, L.I.; POPOVA, T.V.; SERBRENNIKOV, I.S.;  
TYUTRYUMOVA, Z.I.; CHERNICHENKO, V.A.; YAROSHEVSKIY, A.Ya.

Interoceptive component in the development of certain pathological  
states. Trudy Inst.fiziol. 8:240-253 '59. (MIRA 13:5)

1. Laboratoriya patologicheskoy fiziologii (zaveduyushchiy - V.S.  
Galkin [deceased]) Instituta fiziologii im. I.P. Pavlova AN SSSR.  
(SENSES AND SENSATION) (PATHOLOGY)

YAROSHEVSKIY, A.Ya.

Influence of benzene on the leuko-agglutinating and reticulocytic properties of sera. Biul. eksp. biol. i med. 52 no.7: 40-44 Jl '61. (MIRA 15:3)

1. Iz laboratorii fiziologii krovoobrashcheniya (zaveduyushchiy - prof. G.P. Konradi) i iz terapevticheskogo sektora (zaveduyushchiy - prof. A.Ya. Yaroshevskiy) Instituta fiziologii imeni I.P. Pavlova (direktor - akademik V.N. Chernigovskiy) AN SSSR, Leningrad. Predstavlena akademikom V.N. Chernigovskim.

(BENZENE--TOXICOLOGY) (ERYTHROCYTES)  
(BLOOD--AGGLOMERATION) (LEUKOCYTES)

YAROSHEVSKIY, A. Ya., prof. (Leningrad)

Erythropoietins of plasma and serum in internal diseases. Terap.  
arkh. no.12:3-7 '61. (MIRA 15:2)

(ERYTHROPOIETIN) (SERUM DIAGNOSIS)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210009-1

YAROSHEVSKIY, A. Ya. ; ZHAVORONKOVA, E. ; Leningrad

"Fibrinolysis and influence upon it in case of atherosclerosis and its complications."

Report presented at the joint meeting of the European Society of Hematology and the International Society of Blood Transfusion, Lisbon, Portugal, 26-31 August 1963.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210009-1"

YAROSHEVSKIY, Arnol'd Yakovlevich; GOL'DANSKAYA, M.I., red. izd-va;  
AREF'YEVA, G.P., tekhn. red.

[Endogenous stimulants of hemopoiesis (erythropoietins)] Endogenye stimulatory krovotvorenija; eritropoetiny. Moskva,  
Izd-vo Akad. nauk SSSR, 1963. 100 p. (MIRA 16:3)  
(ERYTHROPOIETINS)

YAROSHEVSKIY, A.Ya., prof. (Leningrad)

Contemporary diagnosis of kidney diseases; a review of  
foreign literature. Klin. med. 41 no.6:15-22 Je '63.  
(MIRA 17:1)

1. Iz terapevticheskogo sektora (zav. - prof. A.Ya.  
Yaroshevskiy) Instituta fiziologii imeni Pavlova (dor. -  
akademik V.N. Chernigovskiy) AN SSSR.

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CIA-RDP86-00513R001962210009-1

YAROSHEVSKIY, A. Ya.; MOISEYEVA, O. I.; SHEKHTER, S. Yu.

"On the interrelation of the factors of plasma stimulated and inhibiting the erythropoiesis."

report submitted to 10th Cong of Intl Soc of Hematology, Stockholm, 30 Aug-  
4 Sep 64.

Pavlov Inst of Physiology, Leningrad.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210009-1"

YAROSHEVSKIY, A.Ya.; ZHAVORONKOVA, Ye.K.

Observation of the results of anticoagulant therapy and the  
indices of the blood coagulation system in coronary insufficiency.  
Trudy Inst. klin. i eksper. kard. AN Gruz. SSR  
8:353-356 '63. (MIRA 17:7)

1. Institut fiziologii AN SSSR, Leningrad.

L 7008-65 EWT(1) IJP(c)/ASD(a)-5/AFWL/ASD(d)/AFETR/ESD(dp)/ESD(t)/

RAEM(t)

ACCESSION NR: AP4024570

S/0208/64/004/002/0363/0367

AUTHOR: Yaroshevskiy, V. A. (Moscow)

B

TITLE: Asymptotic solution of an equation of motion for certain conservative systems with slowly varying parameters

SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 4, no. 2, 1964, 363-367

TOPIC TAGS: small parameter, differential equation, nonlinear mechanics, conservative system

ABSTRACT: The author studies systems in which the restoring force depends not only on the dependent variable but also on its derivative, with the aim of obtaining a generalization of the law of conservation of the adiabatic invariant in the simplest form. He studies

$$y'' + \varepsilon f(v, y, y') + F(\tau, y, y') = 0, \quad (1)$$

where  $\tau = \xi t$  is slow time,  $\varepsilon$  is a small parameter, and the function  $F$  is such that for a frozen value of  $\tau$  and  $\xi = 0$  the system is an oscillating conservative one in the sense that there exists a single-valued integral relating the values  $y$

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L 7008-65  
ACCESSION NR: AP4024570

and y'. The author restricts his analysis to determining the amplitude of the solution and considers two examples. Orig. art. has: 21 formulas.

ASSOCIATION: none

SUBMITTED: 12Nov62

ENCL: 00

SUB CODE: MA

NO REF Sov: 009

OTHER: 000

Card 2/2

SHEKTER, S.Ya.; YAKOBENSKIY, A.Va., Prof.

Erythropoiesis and regulation of erythropoiesis; survey of  
materials of the conference held in San Francisco, U.S.A.  
Probl. hemat. i perel. krov 10 no.4:54-58 Ap '65.

Symposium on erythropoiesis in Sverdlovsk. Ibid.:58-60  
(MIRA 18:6)

L 12984-65 ARG/EEO-2/EWG(j)/EWA(k)/EWT(d)/FBD/FSR(h)/FSS-2/EWG(r)/EWT(i)/FBO/EWG(c)/  
EEC(e)/EWP(m)/FS(v)-3/EEC(j)/EWG(s)-2/FA/PCS/EEC(r)/EWG(v)/EWP(c)/EWA(d)/EPR/EWG(a)/  
FSS(k)/EPA(l) Pn-4/Po-4/Pg-4/Ps-4/Pae-2/Pi-4/Pw-4 IJP(c); JAA TT/NR/GA  
ACCESSION NR: AP4043490 S/0293/64/002/004/0507/0531

AUTHOR: Yaroshevskiy, B. A.

TITLE: Approximate-solution entry trajectories into the atmosphere

21

SOURCE: Kosmicheskiye issledovaniya, v. 2, no. 4, 1964, 507-531

TOPIC TAGS: entry trajectory, <sup>13</sup>entry trajectory calculation, approximate motion equation, second order equation, motion parameter

ABSTRACT: An approximate calculation is presented for that section of the trajectory of entry into the atmosphere of a planet where the aerodynamic drag exceeds many times the gravitational component in the direction of velocity. To obtain a simplified form of the equation of motion, the following assumptions are made: 1) The planet is an ideal sphere. 2) The equatorial velocity of the rotation of the planet and of the atmosphere surrounding the planet is small as compared with the velocity of the vehicle. 3) The altitude of the initial point of the section of the entry trajectory is small as compared with the radius of the planet. 4) The temperature of the

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L 12984-65  
ACCESSION NR: AP4043490

atmosphere is constant (that is, the following relation exists:  $\rho \approx \rho_0 e^{-\lambda H}$ , where  $\rho$  is density,  $H$  is altitude and  $\lambda$  is a certain parameter). 5) The absolute value of the slope angle  $\theta$  of the trajectory is small. 6) The inequality  $|v| \ll n_x$  is valid, where  $n_x$  is the longitudinal overload factor. g) At the point of entry into an atmosphere from a circular orbit, the initial density is equal to zero and the initial velocity is equal to the velocity on the circular orbit. The assumptions are justified, and errors arising from them are evaluated for the case of a spiral trajectory. For calculating entry trajectories, the following approximate nonlinear equation is derived

$$\frac{d^2y}{dx^2} = -\gamma R \lambda \frac{c_d V(x)}{c_x(1)} + \frac{\frac{1}{V^2(x)} - 1}{y},$$

where  $C_y$  and  $C_x$  are the lift and drag coefficients;  $V(x) = \sqrt{V/V_{circ}}$ ;  $R$  is the radius of a planet; and  $\lambda$  is an exponent (see assumption 1). Approximate analytic solutions are obtained for the simplest cases of this equation. The cases of ballistic entry trajectories ( $C_y = 0$ ,

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$C_x = \text{const}$ ), both when the initial slope angle  $\theta = 0$  and when  $\theta \neq 0$ , are analyzed in detail. On the basis of the analytic solutions derived, various factors affecting the character of various types of entry trajectories are analyzed and their structures determined. A comparative analysis of aerodynamic loadings and heat flows is made. Orig. art. has: 65 formulas and 18 figures.

ASSOCIATION: None

SUBMITTED: 27Mar64 ATD PRESS: 3096 ENCL: 00

SUB CODE: SV, MA NO REF SOV: 001 OTHER: 019

Card 3/3

YAROSHEVSKYI, E.I.

KOROLYUK, V.S.; YAROSHEVS'KYY, B.I.; HNYEDENKO, B.V., diyanyy chlen.

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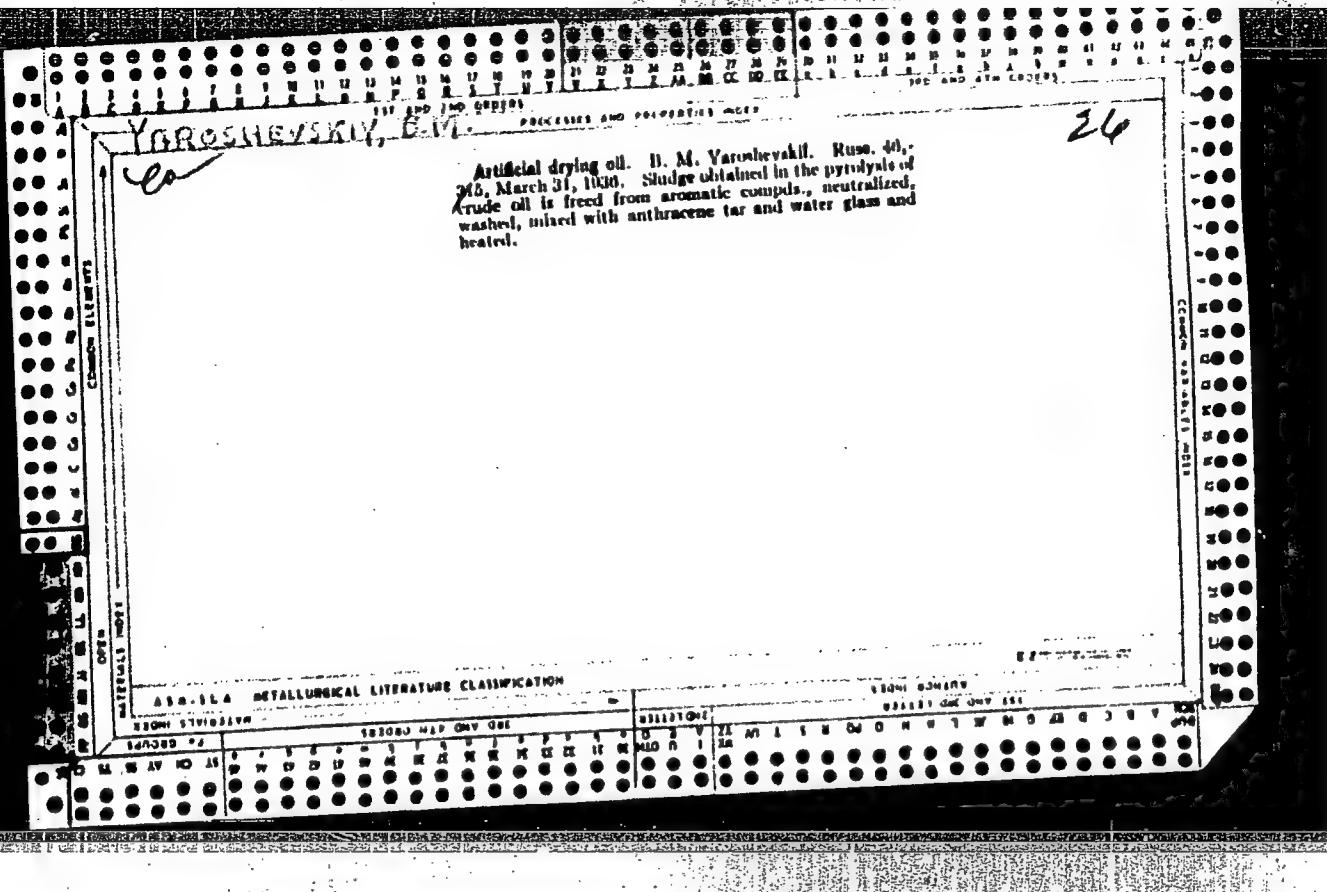
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KATKOV, A.M.; YAROSHEVSKIY, I.M.

Inspection and repair of the O4R1 radio transmitter. Avtom.,  
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1. Starshiy inzh. TSentral'noy stantsii svyazi Ministerstva  
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(for Yaroshevskiy).

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Avtom., telem. i sviaz' 9 no.10:23-24 O '65.  
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KOLOMIYETS, Ivan Gavrilovich; YAROSHEVSKIY, K.P., red.; OSOVSKIY,  
A.T., tekhn. red.

[Socioeconomic relations and social movements in Transcarpathia  
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otnosheniia i obshchestvennoe dvizhenie v Zakarpat'e vo vtoroi  
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33727

S/122/62/000/002/007/007

D262/D301

AUTHORS: Rusin, P.I., Yaroshevskiy, L.A., Candidates of Technical Sciences and Fedorin, N.N., Engineer

TITLE: A device for automatic dimension-control of parts during machining on surface grinding machines

PERIODICAL: Vestnik mashinostroyeniya, no. 2, 1962, 70-71

TEXT: The device, designed by the authors, is described in general terms. The principle is that the tip of the transmitting element of the instrument does not slide along the surface being ground, but drops at preset times touching the surface and returns to its original position. Contact of the tip with the surface takes place when the table reverses, i.e. when its speed is nil. When required dimensions are obtained, an impulse is relayed to a signal (sound or light) apparatus. The installation diagram is shown in Fig. 1 ( $P_1$ ,  $P_2$ ,  $P_3$  are micro-switches); another figure shows the details of the transmitting element. It is stated that this device is simple in construction, more resistant to wear, more accurate

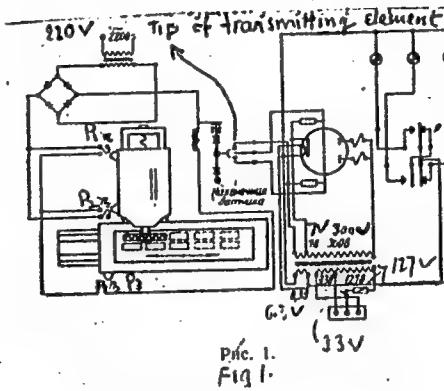
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S/122/62/000/002/007/007  
D262/D301

A device for automatic ---

and reliable than other devices of the same type. Accuracy is  $20\mu$ . It is also stated that the principle of this device can be utilized for dimension control on milling, planning and other metal cutting machines. There are 2 figures.



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ACCESSION NR: AR4042172

SOURCE: Ref. zh. Metrologiya i izmerit. tekhn. Otd. vy\*p., Abs. 5.32.146

AUTHOR: Rusin, P. I.; Yaroshevskiy, L. A.; Fedorin, N. N.

TITLE: Method of active control during flat grinding

CITED SOURCE: Sb. rabot Rostovsk.-n/D. n.-i. in-ta tekhnol. mashinostr., vy\*p. 7,  
1963, 60-70

TOPIC TAGS: transducer, control instrument, control equipment, grinding

TRANSLATION: A method of control is described with which the measuring tip of the pick-up during operation of the machine does not slip along the surface being ground, but is raised above the details being machined and periodically being at a given moment several times during the time of machining and then quickly touching the surface again. Contact of the tip with the detail then quickly returns to its initial position. The speed of the machine, and then quickly touching the surface the table, when its speed is equal to zero. After a given dimension is attained,

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an impulse from the transducer is transmitted through an amplifier and a relay to the actuating unit of machine or to a signalling device. The pick-up is installed on a common block with an electromagnet, and its tip is connected with the electromagnet by a lever which lowers the tip onto the detail. In the instrument is used a specially developed electrical-contact pickup with small transmission ratio, since tests of an industrial model of the transducer showed its sensitivity to vibrations to be too large. Accuracy of operation of the instrument is within  $20 \mu$ . The instrument may be used for control on milling, planing and other machines. Four illustrations. Bibliography: 5 references.

SUB CODE: EC, IE

ENCL: 00

Card

2/2

YAROSHEVSKIY, M.G.

Development of psychology into an independant branch of study.  
Vop. psichol. 2 no.4:34-45 Jl-Ag '56. (MLRA 9:10)

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(Psychology--History)

YAROSHEVSKIY, M.G.

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summary in English]. Vop.psikhol. 4 no.4;3-16 Jl-Ag '58.  
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instituta.  
(Thought and thinking)